I

Library

BOROUGH OF THORNABY-ON-TEES

ANNUAL REPORT

ON THE

HEALTH AND SANITARY CIRCUMSTANCES

OF THE BOROUGH

FOR THE YEAR ENDED 31st DECEMBER, 1963

MINISTRY OF HEALTH LIBRARY

A. ELSWORTH, M.B., B.S., D.P.H.,
Medical Officer of Health

and

H. C. SLATER, M.R.S.H., M.A.P.H.I.,
Chief Public Health Inspector

Printed by Charles Ingle (Printers) Ltd., 58 Mandale Road, Thornaby-on-Tees

BOROUGH OF THORNABY-ON-TEES

ANNUAL REPORT

ON THE

HEALTH AND SANITARY CIRCUMSTANCES

OF THE BOROUGH

FOR THE YEAR ENDED 31st DECEMBER, 1963

A. ELSWORTH, M.B., B.S., D.P.H.,
Medical Officer of Health

and

H. C. SLATER, M.R.S.H., M.A.P.H.I.,
Chief Public Health Inspector

BOROUGH OF THORNABY-ON-TEES

Mayor:

COUNCILLOR J. KIDD

Deputy Mayor:

COUNCILLOR J. HUDSON

Aldermen:

*E. E. Brennan.
J. Burton.
*J. Corfield.
A. Nicholson.
T. Padgett.
*Mrs. S. J. Smith.

Councillors:

C. Allen.
C. Anderton.
J. P. Booth.
J. Curry.
J. Frosdick.
V. Greenan.
*Mrs. V. M. Harris.
Mrs. E. M. Huck.
A. Huggins.
T. Hutton.
A. N. Lackenby.
Mrs. M. P. O'Brien.
J. M. Scott.
P. F. V. Thornton.
J. White.
W. S. Wood.

Chairmen:

Health Committee ... ... Ald. E. E. Brennan, J.P.
Local Health Sub-Committee for Thornaby Area ... ... Ald. E. E. Brennan, J.P.

*Members of the Local Health Committee for the Thornaby Area.

The Health Committee consists of the whole of the members of the Council.

Town Clerk ... ... A. Stockwell.
Borough Treasurer ... ... H. M. Draycott, F.I.M.T.A.
Borough Engineer ... ... J. L. Watson, M.I.Mun.E., M.R.S.H.

Public Health Staff:

Medical Officer of Health

A. ELSWORTH, M.B., B.S., D.P.H.

Chief Public Health Inspector

H. C. SLATER, M.R.S.H., M.A.P.H.I.

Additional Public Health Inspectors

R. W. DOBSON, M.A.P.H.I.

R. HESLOP, M.A.P.H.I.

Clerk/Pupil Public Health Inspector

K. T. BARKER

To the Chairman and Members of the Health Committee.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present this, my first Annual Report on the Health and Sanitary Circumstances of the Borough of Thornaby-on-Tees for the year ended 31st December, 1963.

The year saw the departure of my predecessor, Dr. McGovern, an interim period when you had no Medical Officer of Health and my taking up my duties on October 1st.

The Infant Mortality rate showed an increase over last year's figure which was the second lowest in the history of the Borough. However, the rate is calculated from twelve deaths and a change of only one or two deaths makes a very great difference in the figure obtained for the Infant Mortality rate. Reference to the Comparative Table of Vital Statistics in the body of the report will show that there have been very wide fluctuations in the Infant Mortality rate from year to year.

A very striking example of the wide fluctuation in morbidity rates when based on a comparatively small population such as that of Thornaby is the fact that the Maternal Mortality rate in Thornaby last year was 2.11 per 1,000 total births, whereas the rate for England and Wales was only 0.28. However, this high rate is calculated from only one maternal death. My use of the words "only one" should not be understood as an attempt to minimise what is always a disaster, the loss of a mother. This maternal death, the first one in Thornaby since 1952, was due to an accidental haemorrhage from the womb of a woman who was six months pregnant.

The death rate showed a marked fall from last year's figure which was considerably in excess of the national figure. Twelve deaths (11 men and 1 woman were caused by cancer of the lung. This shows a fall from the 1962 figure of 15. However, the figures for deaths from lung cancer are increasing every year in the country as a whole and the annual death toll from this cause is now over 27,000. Seven of the twelve who died in Thornaby ranged in age between 35 and 65. I have no information as to the cigarette smoking habits of these seven, but it is likely that their deaths long before the age when one reasonably expects to die were directly caused by smoking cigarettes.

The birth rate showed a slight fall. This is in contrast to the rate for England and Wales which has increased every year since 1955.

Eleven new cases of tuberculosis were notified. There were 10 in 1962. This disease is much less common than it was, but the final reservoir of cases is proving very difficult to eradicate.

There were 263 notifications of infectious diseases other than tuberculosis in 1963 as compared with only 71 in 1962. However, 221 of these were cases of measles. Measles figures are always high in alternate years with low figures in the years between.

The County Council Services continued to function well. The home help service maintained its continuous expansion and at the end of the year the chiropody service for old people and expectant mothers, previously inadequate, was much improved by the appointment of a further chiropodist.

The Chief Public Health Inspector has provided a separate report on the Sanitary Circumstances of the Borough.

I would like to extend my thanks to the Members and Officers of the Council for their continuous help and courtesy to me since I took up my post. The staff of the Health Department have always been most helpful and I owe a special debt of gratitude to Mr. Slater.

I am, Ladies and Gentlemen,

Your obedient Servant,

A. ELSWORTH.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (Acres)	1,993
Population	22,940
Number of inhabited houses (end of 1963)	6,846
Rateable Value	£610,001
Sum represented by a penny rate	£2,407

The Town is situated on the southerly bank of the River Tees which forms the northern boundary of the Borough and separates it from the Borough of Stockton-on-Tees. On the easterly side it is contiguous with the County Borough of Middlesbrough, and on the southerly and westerly sides with the Rural District of Stokesley.

The surface of the ground is mainly flat, the sub-soil clay, and the industries carried on in the town are mainly connected with the iron and steel trades.

Many of the population work in the neighbouring areas of Middlesbrough, Stockton and Billingham.

Extracts from Vital Statistics for the Year 1963.

		Total	Male	Female
Live Births—Legitimate	...	439	205	234
Illegitimate	...	25	10	15
Total	...	464	215	249

Birth Rates

Legitimate	18.37	per 1,000	estimated resident population.
Illegitimate	1.05	,,	,,
Total	19.42	,,	,,

		Total	Male	Female
Still Births—Legitimate	...	8	6	2
Illegitimate	...	1	—	1
Total	...	9	6	3

Still Birth Rate—19.03 per 1,000 live and still births.

	Total	Male	Female
Deaths	221	118	103

Death Rate—12.90 per 1,000 estimated resident population.

Deaths from Puerperal Causes—Nil.

	Deaths	Rate per 1,000 (live and still births)
Pregnancy, Childbirth, Abortion	1	2.11

Infant Mortality—25.86 per 1,000 live births.

Mortality of Legitimate Infants—25.06 per 1,000 legitimate live births.

Mortality of Illegitimate Infants — 40.0 per 1,00 illegitimate live births.

Deaths from Measles	—
„ Whooping Cough	—
„ Diarrhoea (under two years of age)	—

The causes of the greatest mortality during 1963 were :

Heart disease	77
Cancer	47
Pneumonia	13
Tuberculosis	2
Bronchitis	8

Comparison of Statistics for the Years 1962 & 1963

	1962	1963
Population	22,950	22,940
Birth Rate (per 1,000 population)	20.30	19.42
Death Rate (per 1,000 population)	16.88	12.90
Infant Mortality rate (per 1,000 live births) ...	22.17	25.86

Infant Mortality.

Causes of deaths of infants under 1 year :

Bronchitis and Pul. Congestion	1
Misadventure	1
Virus Pneumonia	1

Causes of deaths of infants under 4 weeks :

Asphyxia	1
Meningomyelocele	1
Virus Pneumonia	1

Causes of deaths of infants under 1 week :

Congenital Malformations	1
Foecal Anoxia	1
Prematurity	4
Total	12

Ten of these cases died in hospital and had every medical and nursing care.

BIRTH RATES, DEATH RATES and ANALYSIS of MORTALITY in the Year 1963

	Rate Per 1,000 Population		Rate Per 1,000 Live and Still Births	Rate Per 1,000 Live Births	Rate Per 1,000 Total Births
	Live Births	Deaths (All Causes)	Still Births	Infant Mortality	Maternal Mortality
England and Wales	18.2	12.2	17.3	20.9	0.28
Thornaby-on-Tees	19.4	12.9	19.0	25.8	2.11

CASES OF INFECTIOUS DISEASE (OTHER THAN TUBERCULOSIS)

NOTIFIED DURING THE YEAR 1963

Notifiable Diseases	NUMBER OF CASES NOTIFIED													Total Deaths
	Total Cases at all Ages	AT AGES — YEARS												
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 1	15 to 20	20 to 35	35 to 4	45 to 65	65 & Over	
Dysentery	19	1	3	1	1	2	3	1	1	2	4	—	—	—
Erysipelas	1	—	—	—	—	—	—	—	—	—	—	1	—	—
Food Poisoning	4	—	—	1	—	—	1	—	—	2	—	—	—	—
Measles	221	12	25	34	39	22	83	5	1	—	—	—	—	—
Pnuemonia	7	3	—	—	—	—	—	—	1	—	—	3	—	—
Scarlet Fever	4	—	—	1	—	1	1	1	—	—	—	—	—	—
Whooping Cough ...	7	4	1	—	—	2	—	—	—	—	—	—	—	—
Totals	263	20	29	37	40	27	88	7	3	4	4	4	—	—

DIPHTHERIA PREVENTION.

Diphtheria anti-toxin is supplied free to any Medical Practitioner in the Town who applies for it. Swabs from suspected cases are examined at the Public Health Laboratory, General Hospital, Middlesbrough.

There were no cases of diphtheria during the year.

In the course of medical inspections at schools and at the Welfare Centres parents are encouraged to have their children protected against Diphtheria either at the Clinic on alternate Wednesdays or by a private medical practitioner by arrangement.

IMMUNISATION AND VACCINATION.

Poliomyelitis Vaccination :	
Oral vaccine:	
Completed course of three doses	609
Fourth dose after 3rd injection	359
Diphtheria Immunisation — Primary	329
Diphtheria Immunisation — Booster	169
Whooping Cough Immunisation	253
Smallpox Vaccination	83

TUBERCULOSIS.

The following table shows the new cases and deaths for the Borough of Thornaby-on-Tees during 1963 :—

AGE PERIODS	NEW CASES				TOTAL DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1 year...	—	—	—	—	—	—	—	—
1— 5 years ...	—	—	—	—	—	—	—	—
5—10 ,, ...	—	—	—	—	—	—	—	—
10—15 ,, ...	—	—	—	—	—	—	—	—
15—20 ,, ...	1	2	—	—	—	—	—	—
20—25 ,, ...	—	1	—	—	—	—	—	—
25—35 ,, ...	1	—	—	—	—	—	—	—
35—45 ,, ...	2	—	—	—	—	—	—	—
45—55 ,, ...	—	—	—	—	—	—	—	—
55—65 ,, ...	1	1	—	—	—	—	—	—
65 & upwards	—	2	—	—	2	—	—	—
TOTALS ...	5	6	—	—	2	—	—	—

COMPARATIVE TABLE OF VITAL STATISTICS, 1942-63

YEAR	Population Estimated	Birth Rate	Death Rate	Infantile Mortality
1942	20,810	19.1	11.0	65.5
1943	20,600	22.0	13.9	70.6
1944	20,560	22.7	11.3	55.5
1945	20,780	19.3	11.9	82.0
1946	22,030	21.9	12.0	51.6
1947	22,400	25.1	11.9	53.4
1948	22,850	22.3	10.7	55.0
1949	23,210	23.2	10.2	33.4
1950	23,490	20.3	12.0	56.6
1951	23,380	21.8	13.2	41.1
1952	23,630	19.6	12.1	26.9
1953	23,880	20.4	12.6	35.5
1954	23,800	19.7	11.9	48.0
1955	23,820	18.8	11.8	31.3
1956	23,870	18.8	11.9	37.6
1957	23,910	19.9	13.1	29.5
1958	23,720	20.3	14.4	25.4
1959	23,810	18.5	14.3	42.5
1960	23,970	18.2	13.1	17.2
1961	22,850	19.5	15.2	27.4
1962	22,950	20.3	16.8	22.1
1963	22,940	19.4	12.9	25.8

CAUSES OF DEATH DURING THE YEAR 1963

CAUSES OF DEATH	Males	Females
All Causes	118	103
Tuberculosis, respiratory	2	—
Tuberculosis, other	—	—
Syphilitic disease	—	—
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal infections	—	—
Acute Poliomyelitis	—	—
Measles	—	—
Other infective and parasitic diseases ...	—	1
Malignant neoplasm, stomach	7	4
„ „ lung, bronchus ...	11	1
„ „ breast	—	2
„ „ uterus	—	2
Other malignant & lymphatic neoplasms ...	9	11
Leukaemia, aleukaemia	1	1
Diabetes	—	1
Vascular lesions of nervous system	5	11
Coronary disease, angina	33	18
Hypertension with heart disease	—	—
Other heart disease	11	15
Other circulatory disease	8	2
Influenza	—	—
Pneumonia	6	7
Bronchitis	5	3
Other diseases of respiratory system ...	3	1
Ulcer of stomach and duodenum	1	—
Gastritis, enteritis and diarrhoea	—	1
Nephritis and nephrosis	—	1
Hyperplasia of prostate	2	—
Pregnancy, childbirth, abortion	—	1
Congenital malformations	1	2
Other defined and ill-defined diseases ...	6	14
Motor vehicle accidents	2	1
All other accidents	4	1
Suicide	1	2
Homicide and operations of war	—	—

GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH.

1. PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

At the beginning of the Report a list is given showing the Officers connected with the Health Services in the Borough.

2. SERVICES PROVIDED IN THE AREA.

Laboratory Facilities. During the year the Borough Council continued the arrangements offered by the Public Health Laboratory, General Hospital, Middlesbrough, in respect of the diagnosis of pathological specimens.

3. NATIONAL HEALTH SERVICE ACT, 1946.

With certain exceptions the Thornaby Area Health Sub-Committee exercises the functions of the Local Health Authority in supervising the services provided for under this Act. The Committee meets once in two months in Thornaby and is comprised of members of the County Council, the Borough of Thornaby-on-Tees and the Rural District of Stokesley. Among the services for which they are responsible to the County Council are the following :

Domestic Helps.
Prevention of illness; care and after care.
The Ambulance Service.
Vaccination and Immunisation.
Home Nursing.
Health Visiting.
Midwifery.
Care of mothers and young children.
Chiropody.

In this connection, a very comprehensive programme of clinical work is carried out in the Health Centre, Thornaby :—

(a) District Nurses and Midwives operating in the Borough.

Nurse	Boag	District Nurse and Midwife.	Tel. 67226
,,	Clint	,, ,, ,, ,,	65769
,,	Greenan	,, ,, ,, ,,	65029
,,	Griffin	,, ,, ,, ,,	68610
,,	Hildon	,, ,, ,, ,,	68628
,,	Wilson	,, ,, ,, ,,	67988
,,	Blamire	District Nurse	67293
,,	Mulholland	,, ,,	64590
,,	Magson	,, ,,	——
,,	Mason	,, ,,	68803
,,	Illingworth	,, ,,	63393

(b) Infant Welfare Clinics :
Tuesdays and Thursdays at 2 p.m.

(c) Ante-Natal Clinics :
Fridays at 2 p.m.

(d) Post-Natal Clinics :
Every Friday at 2 p.m.

(e) Sunlight Clinics :
Tuesdays and Thursdays at 9 a.m.

(f) Family Planning Clinic :
Wednesdays (except August) at 2 p.m.

(g) A Minor Ailments session for schoolchildren is held on Tuesdays and Fridays at 9 a.m.

(h) The Services of Orthopaedic, Ophthalmic, Dental and Aural Consultants are available (by appointment).

4. NATIONAL ASSISTANCE ACT, 1948.

Section 47. No cases dealt with during the year under the provisions of this section.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

There is an adequate piped supply to all households obtained from the Tees Valley Water Board. Co-ordination is established with the Board, whose chemists take samples regularly for chemical and bacteriological examination. All samples have been highly satisfactory and no complaints have been received during this year.

Drainage and Sewerage.

With the exception of the Vale Cottages, situated on the Borough boundary and well outside the populated area, the town has a complete water carriage system. The whole of the sewerage is discharged in a crude state into the River Tees.

Public Cleansing.

The work is under the immediate control of the Public Health Inspector and is carried out by direct labour. All refuse collected is disposed of by "Controlled Tipping" on the one site at the Erimus.

Camping Sites.

There are no camping sites in the Borough.

Municipal Swimming Baths.

The whole capacity of the Bath. amounting to 124,000 gallons, can be turned over, refiltered, sterilised, chlorinated and reoxidised in three and a half hours. The break-point system of Chlorination (or super-chlorination) is used, and all samples of bath water taken during the year for chemical and bacteriological examination were highly satisfactory.

Closet Accommodation.

With few exceptions the town has a complete water carriage system.

Schools.

The sanitary conditions of the Schools were satisfactory.

FOOD AND DRUGS ACT, 1955

For the report, as follows, on the sampling work done under the Act I am indebted to the Inspector of Weights and Measures.

I have to report that during the year ended 31st December, 1963, 62 articles of food were purchased and samples of the same were submitted for analysis under the above Act.

All these samples were reported to be genuine and a detailed list is appended.

Beef Dripping	1	Milk	25
Butter	6	Milk (Delivery to School)	1
Butter Cake	1	Mustard	1
Clear Mixed Pickles ...	1	Orange Squash	2
Cocoa	1	Pepper	3
Double Cream	1	Rice Pudding	1
Fishcakes	2	Sage	2
Fresh Dairy Cream Sponge	1	Salad Cream	1
Ground Almonds ...	1	Shredded Beef Suet ...	1
Honey	1	Steakettes	1
Lemon Curd	3	Stewed Steak in Rich Gravy	1
Lime Juice Cordial ...	1	Tea	1
Malt Vinegar	2		
		TOTAL ...	62

Complaints were received in August from two customers who had purchased cakes in a Thornaby shop which were found to be mouldy. The confectioner, whose bakery is not in the Borough, but who owns the shop which is in the Borough, was fined £10 on each of two charges of selling cake which was not of the quality demanded, at Thornaby Court on October 1st, 1963.

Food Poisoning Outbreaks.

There were four isolated cases of food poisoning during the year.

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR FOR THE YEAR 1963

SANITARY INSPECTION OF THE AREA

Description of Work carried out.

Number of Inspections made	3026
Number of Re-Inspections made	4942
Number of Informal Notices served...	547
Number of Statutory Notices served...	43

RESULT OF SERVICE OF NOTICES

Drainage.

Single private drains reconstructed or repaired	37
Waste pipes or sinks trapped or renewed	9

Water Closets.

Provided with sufficient supply of water	37
Cisterns repaired or renewed	16
Basins renewed	17

Houses.

Roofs repaired	41
Eaves gutters repaired or renewed	48
Fall pipes repaired or renewed	17
Yard pavements repaired or relaid	8
Floors repaired or relaid	16
Defective walls	24
Defective ceilings	12
Defective plasterwork	31
Defective fireplaces	11
Handrails fixed or repaired	3
Defective sash cords and windows	33
Defective yard doors	10
Defective chimneys	11
Dilapidated coal doors...	3
Dilapidated doors (front and internal)	11
Dilapidated dustbins	316
Dilapidated closet doors	14
Dilapidated closet seats	15
Dilapidated closet roofs	14
Defective joints between flushpipe and W.C. basin... ...	12
Defective flues	3
Miscellaneous minor defects	20
Sinks provided or renewed	3
Houses provided with damp course	1
Water supply pipes repaired or renewed	8
Taps repaired or renewed	6

Sanitary Conveniences.

Number of privies, moveable receptacles	2
Number of fresh water closets	7066
Number of ashbins	7912

Offensive Trades.

There are no offensive trades carried on within the Borough.

Common Lodging Houses.

There are no Common Lodging Houses in the Borough.

Slaughterhouses.

Number licensed	1

DISEASES OF ANIMALS ACT, 1950

Routine inspections were carried out for the purpose of enforcement of the provisions of the Act, and Orders made thereunder.

The Area remained free from notifiable diseases.

INSPECTION AND SUPERVISION OF FOOD.

(a) **Milk Supply.**

By virtue of The Milk (Special Designations) (Specified Areas) Order, 1954, the use of a Special Designation — "Pasteurised", "Sterilised" or "Tuberculin Tested" — has been obligatory for the purpose of all sales of mik by retail in the Borough since 1st April, 1954.

The Milk (Special Designation) Regulations, 1949-1953, under which Dealers Licences were granted by the Council, were revoked by The Milk (Special Designation) Regulations, 1960. From 1st January, 1961, under the 1960 Regulations, The Food and Drugs Authority became responsible for the granting of Dealers licences.

(b) **Ice-Cream.**

Food and Drugs Act, 1955, Section 16, and the Ice-Cream (Heat Treatment, etc.) Regulations, 1947 to 1959.

Number of premises registered to manufacture ice-cream 1

Number of premises registered to sell ice-cream 70

A 'complete cold mix' is used in the manufacturing premises, and in all other premises where ice-cream is sold the product is pre-packed and stored in continuous freezers.

(c) Meat and other Foods.

The following list shows the number of food premises in the Borough, by type of business:—

Bakehouses	4
Canteens	10
Confectionery	11
Fish	4
Fried Fish	16
Fruit and Greengroceries	22
Groceries and Provisions	101
Licensed Victualliers	20
Meat	23
Refreshments	2
Sweets	15
TOTAL :—	228

Sixteen fried fish shops and eleven butchers shops, are registered under section 16 of the Food and Drugs Act, 1955.

Six hundred and twenty six inspections were made of premises where food is prepared, stored or sold. Twenty two informal notices served were promptly complied with, and in no case was it found neccessary to take statutory action or legal proceedings.

The food hygiene regulations were generally well observed, and the standard of cleanliness of premises and equipment was good.

Carcases and Offal inspected and condemned in whole or in part.

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	78	NIL	NIL	187	NIL	NIL
Number inspected	78	—	—	187	—	—
All diseases except Tuberculosis & Cysticerci Whole carcases condemned	NIL	NIL	—	NIL	NIL	—
Carcases of which some part or organ was condemned	3	NIL	—	2	—	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	3.8	NIL	—	1.0	NIL	—
Tuberculosis only : Whole carcases condemned	NIL	NIL	—	NIL	NIL	—
Carcases of which some part or organ was condemned	—	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis	—	—	—	—	—	—
Cysticercosis Carcases of which some part or organ was condemned	NIL	NIL	—	NIL	NIL	—

The following is a list of foodstuffs condemned as unfit for human consumption :—

	Cwts.	Qrs.	Lbs.	Ozs.
Meat		3	14	0
Meat Products		1	2	7
Canned Meat	1	1	7	14
Shellfish	1	2	22	0
Canned Fruit			16	11
Canned Vegetables			27	7
Canned Milk			4	8
Milk Products			2	0
Preserves and Sauces			3	11
Miscellaneous		1	7	0
TOTALS :—	4	3	23	10

SHOPS ACT, 1950

Six hundred and twelve inspections were made under the above Act, and twenty six informal notices served were complied with by the end of the year.

DISINFESTATION

Sixty four premises were treated with insecticide for the eradication of common insect pests, with satisfactory results. Inspections were made to check re-infestation, and tenants advised on precautions to be taken.

The houses of all prospective tenants for Council houses are inspected and the house and furniture must be certified as clear from vermin before removal takes place.

RODENT CONTROL.

One trained Rodent Operative is employed part time on this work. Regular surveys were made and all complaints given prompt attention.

All sewers in the district received two treatments in accordance with the methods approved by the responsible Ministry, and routine inspections and treatments were made at other Council properties.

The following table shows the number of inspections and treatments carried out during the year :—

Type of Property	No. Inspected	No. Treated	
		Rats	Mice
Local Authority	6	2	1
Dwelling Houses	919	79	68
Business Premises	168	11	19
	1093	92	88

REFUSE COLLECTION AND DISPOSAL.

Three, seven cubic yard, Karrier Refuse collection vehicles and a staff of sixteen men are engaged full time on the collection and disposal of house refuse.

Refuse is collected from approximately 7,200 premises, and a regular weekly collection service from all premises was maintained throughout the year.

All refuse is disposed of by controlled tipping on low lying land near the old river Tees, and adjoining the Middlesbrough boundary.

The cost of the service was £13,264.

SMOKE ABATEMENT.

Seventy two smoke observations were made during the year, and four informal notices served regarding excessive smoke emission.

The Thornaby-on-Tees Smoke Control Order (No. 1), 1961, came into operation on 1st April, 1962. The Order applies to an area in the southern part of the Borough of 882 acres containing, at the moment, about 500 premises, and which is being rapidly developed.

Byelaws made under section 24 of the Clean Air Act, 1956 are in force within the Borough.

The Local Authority is a member of the Tees-side Clean Air Committee, and in common with other members of the Committee carries out tests to assess the extent of atmospheric pollution. Deposit gauges and a lead peroxide instrument are sited in central positions in the town from which monthly tests are made by the Public Analyst.

The average monthly deposit of total solids for 1963, as measured by the deposit gauges, was approximately 14 tons per square mile.

PETROLEUM (REGULATIONS) ACTS, 1928 to 1936.

Licences were granted to twenty eight firms for the keeping of Petroleum Spirit, each licence being for twelve months.

All the petroleum spirit is kept in separate stores, specially constructed of fire-proof materials throughout, and the Regulations otherwise complied with.

FACTORIES ACT, 1961

INSPECTION OF FACTORIES.

Premises	No. on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	2	5	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	61	102	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out - workers premises)	8	14	—	—
Total ...	71	121	2	—

DEFECTS FOUND IN FACTORIES.

Particulars	No. of Defects			
	Found	Remedied	Referred by H.M. Inspector	No. of Prosecutions
Want of Cleanliness (S.1.) ...	—	—	—	—
Overcrowding (S.2.) ...	—	—	—	—
Unreasonable temperature (S.3.)	—	—	—	—
Inadequate ventilation (S.4.)	—	—	—	—
Ineffective drainage of floors (S.6.)	—	—	—	—
Sanitary Conveniences (S.7.)				
Insufficient	4	3	—	—
Unsuitable or defective ...	5	5	—	—
Not separate for sexes ...	—	—	—	—
Other offences	—	—	—	—
Total ...	9	8	—	—

There are no Outworkers.

HOUSING STATISTICS.

1. Inspection of Dwelling Houses during the year :—

(1) (a) Total number of dwelling-houses inspected for Housing defects (under Public Health or Housing Acts) 1,146

(b) Number of inspections made for the purpose 1,724

(2) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 150

(3) Number of dwelling-houses (exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human habitation 138

2. Remedy of Defects during the Year without Service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers 146

3. Action under Statutory Powers during the year :—

(a) Proceedings under Sections 9 and 10 of the Housing Act, 1957 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... 17

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—

(a) By Owners 6

(b) By Local Authority in default of owners 3

(b) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 15

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(a) By Owners 4

(b) By Local Authority in default of owners 5

(c) Proceedings under Section 17 of the Housing Act, 1957 :—

(1) Number of dwelling-houses in respect of which Closing Orders were made 12

Clearance Areas :—

The Ministry of Housing and Local Government confirmed the following Compulsory Purchase and Clearance Orders.

	No. of Properties
Spring Street C.P.O.	47
Wedgewood Street C.O.	10
Queen Street West C.O.	11

RENT ACT, 1957

No applications were received for certificates under the Act.